

**AMENDMENTS TO THE CLAIMS:**

**Listing of Claims:**

This listing of claims replaces all previous listings of claims in the application.

Claims 1-9 (Cancelled)

10. (New) A machine with a rotary piston mounted between at least one sidewall and a curved circumferential wall of a cylinder, the rotary piston being mounted in both a rotating way around two parallel axes of rotation, which are normal to the sidewall of the cylinder, and in a sliding way in two directions normal to the axes of rotation and to one another, wherein

the rotary piston is supported by sliding means on a guide ring, the guide ring pivots in the sidewall in a rotating way around the axes of rotation, the guide ring having a bore; and

a supporting shaft passing through the bore of the guide ring, wherein the rotary piston is supported on the supporting shaft for a sliding movement normal to the axes of the supporting shaft and in a rotating way on a supporting eccentric member connected with the supporting shaft.

11. (New) A machine with a rotating piston, according to claim 10, wherein

the space of the sliding element created for movement of the guiding ring is connected with vents for entry and outlet of lubricant and/or coolant.

12. (New) A machine with a rotating piston, according to claim 10, wherein

the guide ring has an end disinclined from the rotating piston, the end of the guide ring has a recess with an inner guiding surface, the inner guiding surface being arranged vertically to the sliding means,

whereas a guide element is fitted in a sliding way in the inner guiding surface, the guide element being pivoted in a rotating way in the eccentric member of the supporting shaft, and the eccentric member and the supporting cylindrical eccentric being mutually turned with respect to one another by 180°.

13. (New) A machine with a rotating piston, according to the claim 10, wherein

the rotating piston is provided with an inboard sliding element having the sliding means for sliding fit of the rotating piston on the guide ring.

14. (New) A machine with a rotating piston, according to claim 10, wherein

the sliding means having elements that are mutually turned by 90°.

15. (New) A machine with a rotating piston, according to claim 10, wherein

the guide ring is supported in the sidewall in a rotating way and in sliding way in a direction normal to the axis of the guide ring.